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TITLE: General Discussion on Aims and Workshop Wrap-up

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The following component part numbers comprise the compilation report:

ADP013309 thru ADP013341

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General Discussion on Aims and Workshop Wrap-up

IST-21 Aims

Seen many presentations focusing on technology.

Evaluation

- Who should decide what information is needed?

Need to work in cooperation and collaboration, jointly with the NATO group and friends.

Each group has its own individual objective and deliverables and projects, but it is important to exploit each other's frameworks and strategies.

Value in a collaborative framework and strategies

Corner stones

- framework – what are we doing, strategies
- evaluation – is it working, how can we tell

Component based software and system architecture

Domain – roles – view points – evaluative needs

View points become the focus of the system roles

Framework provides basis for capturing roles and effectively obtaining objective of visualisation.

Take focus off developing specific technologies but provide guidance by defining strategies and objectives

Utilization of human potential... can it evolve with the technologies...

Art, science, and engineering.

Collaborative study of human and visualisation utilization

Objective of the group

- technical group to advise and contribute to the goals and aims of the level 2 group.
- Perspective of overall objectives needed
- User and underlying technology expert input essential
- Supported by individual nations

Clearly defined objectives

Need for user involvement, especially in terms of evaluation.

Workshop is an independent event. The purpose was to bring together the military personnel with the problems with experts and researchers to understand and share ideas, solutions, and areas of future work.

Objective of IST-21 must be clearly defined in order to provide focus and clarity. Innovation is essential.

Take from this Workshop an understanding of what is needed from a user perspective, as well as help define a coherent program of the next group.

Identify what problems still exist and help define what needs to be done. Allows the group to select a program of work and term of reference for future group.

Formal collaborative Workshop between NATO and TTCP tentatively planned in about 18 months. Understanding user requirements and evaluation possible topics.

Conference, invite NATO members, have workshop as subset of that – help to distribute the information to an extended audience.

Need for different levels of technical detail.

Venue has impact on the style of the meeting. Keeping numbers down may encourage discussion and development of relationships. But it's still important to pass that information around. Attempt to satisfy the needs of users, technologists, and research.

Applied research environment attempts to understand military situation and apply technology. Look for collaborative opportunities and draw on experience and expertise of other participants. Discussions had a tendency to move away from applied solutions or ideas towards conceptual ideas.

It is important to have a feedback mechanism.

Cannot do R&D in a military situation without having user feedback and involvement.

Extremely valuable week, but would be nice to see more people from the military side.

User interview and software design, development, and evaluation is a commonly expected software engineering practice.